

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07C231/02 C07C231/24 C07C233/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200155 Derwent Publications Ltd., London, GB; Class B05, AN 2001-497525 XP002325720 & CN 1 297 885 A (HANGZHOU SHOUXIN FINE CHEM CO LTD) 6 June 2001 (2001-06-06) cited in the application abstract	1, 15
Y		2-14, 16-25
A	WO 02/34709 A (ZAMBON GROUP S.P.A; CANNATA, VINCENZO; NICOLI, ANDREA; CORCELLA, FRANC) 2 May 2002 (2002-05-02) cited in the application example 1	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*V\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

22 April 2005

Date of mailing of the international search report

04/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 03/002517 A (BROMINE COMPOUNDS LTD; OREN, JACOB) 9 January 2003 (2003-01-09) cited in the application claims 1-3</p> <p>-----</p>	<p>2-14, 16-25</p>

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 1297885	A	06-06-2001	NONE	
WO 0234709	A	02-05-2002	IT MI20002285 A1	23-04-2002
			CA 2425615 A1	02-05-2002
			DE 10196805 T5	15-04-2004
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			EP 1341749 A1	10-09-2003
			EP 1475366 A1	10-11-2004
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			GB 2383041 A , B	18-06-2003
			HU 0302602 A2	28-11-2003
			JP 2004512321 T	22-04-2004
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